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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO.: 60.1336/1551	SERIAL NO.: 09/881,333
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT: BOYLE, Bruce W. et al.	EXAMINER:
		FILING DATE: June 14, 2001	GROUP: 3627

U.S. PATENT DOCUMENTS

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GROUP 3600

FOREIGN PATENT DOCUMENTS

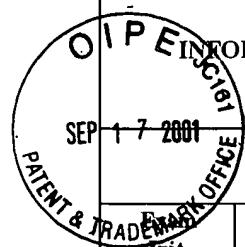
Exam Init.	Document Number	Date	Country	Class	Sub- class	Translation	
						Yes	No
JIR	RU 2040691 C1	14.02.1992	Russia	6E/1B	47/12	XX	
↓	WO 02/06716A1	24.01.02	PCT	F161	25/00		

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Hall, David R. "Telemetry Drill Pipe". Novatek, (no date available), pp. 1-2.

EXAMINER	<i>J. M. L.</i>	DATE CONSIDERED	5/16/04
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		FILING DATE: June 14, 2001	RECEIVED GROUP: 1

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U.S. PATENT DOCUMENTS

Exam Init	Document Number	Date	Name	103600 MAIL ROOM	Sub-class	Filing date if appropriate
JH	3,807,502	04/30/74	Heilhecker et al.	166	315	04/12/73
	3,957,118	05/18/76	Barry et al.	166	315	09/18/74
	4,126,848	11/21/78	Denison	340	18 LD	12/23/76
	4,605,268	08/12/86	Meador	339	16 C	11/08/82
	4,806,928	02/21/89	Veneruso	340	856	07/16/87
	4,901,069	02/13/90	Veneruso	340	853	02/14/89
	5,052,941	10/01/91	Hernandez-Marti et al.	439	194	10/01/91
	5,278,550	01/11/94	Rhein-Knudsen et al.	340	855.1	01/14/92
	5,521,592	05/28/96	Veneruso	340	854.8	07/20/94
↓	5,971,072	10/26/99	Huber et al.	166	297	09/22/97

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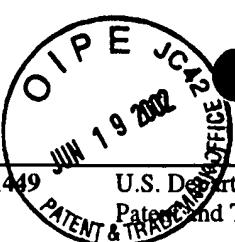
Exam Init	Document Number	Date	Country	Class	Sub-class	Translation Yes No
JH	RU 2140537	18.12.97	Russia			XX
↓	WO 90/14497	29.11.90	PCT			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JH	(1)	http://www.netl.doe.gov/publications/press/1999/t1%5Fsmartdrill1.html U. S. Dept. of Energy Press Release, October 13, 1999, "DOE Selects California Small Business to Help Develop 'Smart Drilling System' for Oil & Natural Gas"
↓	(2)	THE OIL AND GAS JOURNAL, April 1978, pp 115-124, W. J. McDonald, "Four Different Systems Used for MWD"
↓	(3)	ACPT PRESENTATION, August 2000, Slide 25 of 29, "Cost Effective Composite Drill Pipe"

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* All dates in 1900s.



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				Patent and Trademark Office		60.1336/1551		09/881,333	
						APPLICANT:		EXAMINER:	
						BOYLE et al.		J. M. Hewitt	
				FILING DATE:		GROUP:			
				June 14, 2001		3679			
U.S. PATENT DOCUMENTS									
Exam Init.		Document Number	Date	Name		Class	Sub-class	Filing date if appropriate	
JH		5,008,664	19 4/16/91	More et al.		340	854	1/23/90	
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OCT 30 2002									
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FOREIGN PATENT DOCUMENTS									
Exam Init.		Document Number	Date	Country		Class	Sub-class	Translation	
JH		1 158 138 A2	28.11.2001	EP		E21B	47/12	Yes	No
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>									
EXAMINER <i>/cmw</i>				DATE CONSIDERED <i>5/16/04</i>					
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